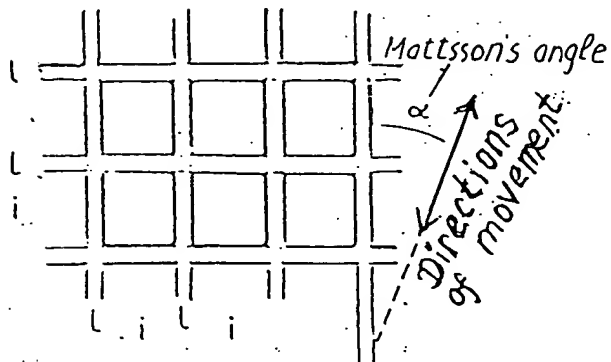


Kolov. Information to Amendmend to Advisory Action at 10/17/94



Mattsson's design of Grid

$$\text{tg } \alpha_1 = \frac{1}{31 \div 3i}$$

$$\text{tg } \alpha_2 = \frac{1}{21 \div 2i}$$

$$\text{tg } \alpha_3 = \frac{1}{1 \div i}$$

$$\text{tg } \alpha_4 = \frac{21 \div i}{1 \div i}$$

$$\text{tg } \alpha_5 = \frac{31 \div 2i}{1 \div i}$$

$$\text{tg } \alpha_6 = \frac{21 \div i}{21 \div 2i}$$

$$\text{tg } \alpha_7 = \frac{1 \div i}{31 \div 2i} (= \cot \alpha_1)$$

$$\text{tg } \alpha_8 = \frac{1 \div i}{21 \div i} (= \cot \alpha_2)$$

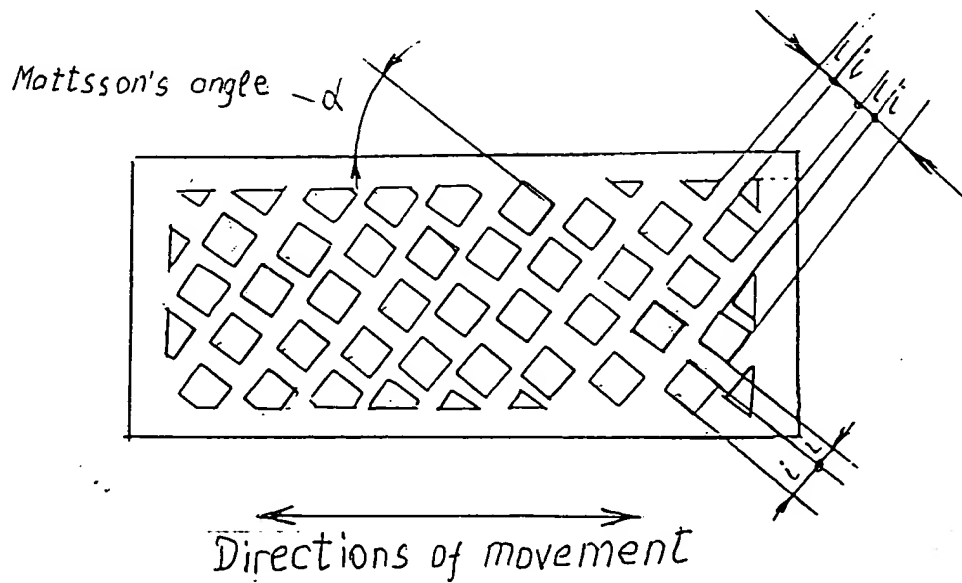
$$\text{tg } \alpha_9 = \frac{1 \div i}{1} (= \cot \alpha_3)$$

$$\text{tg } \alpha_{10} = \frac{21 \div 2i}{1} (= \cot \alpha_4)$$

$$\text{tg } \alpha_{11} = \frac{31 \div 3i}{1} (= \cot \alpha_5)$$

$$\text{tg } \alpha_{12} = \frac{21 \div 2i}{21 \div i} (= \cot \alpha_6)$$

Mattsson's formulas



Design of Grid by present invention

Analysis of Differences between D. Sokolov's Grid and Grids Opposed by Examiner T. Church and Evidence of Patentiability of Grid of D. Sokolov

D. Sokolov's Grid.

by Examiner T. Church

and evidence of patentiability of Grid of D. Sokolov

Where is described differences and defects with D. Sokolov's Grid

Caldwell's apparatus US Patent 4,208,474, Dec. 12, 1978

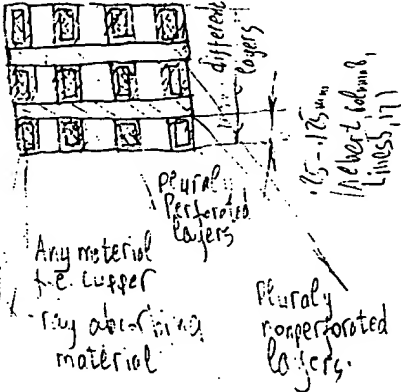
Where is described differences and defects with D. Sokolov's Grid

Schematic Crosssection of Structure

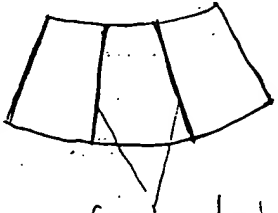
Date of filing to US Patent Off. and name of document

11/29/94, Disclosure document # 297111

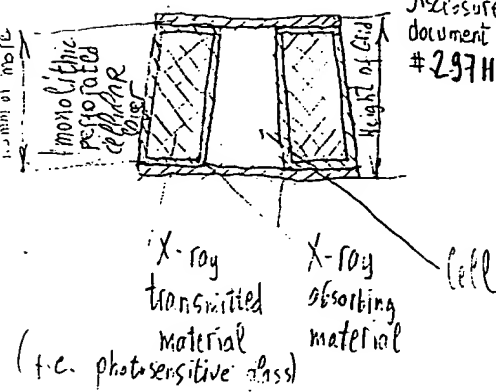
Schematic Crosssection of Structure



Schematic crosssection of Structure



Strips of Lead or other opaque to X-Ray Material



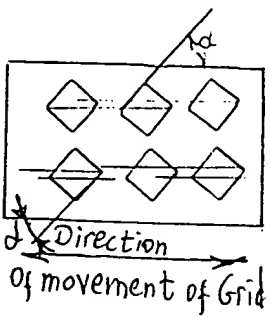
For creation of cellular structure plate of photosensitive glass is exposed by X-ray.

Filed in US Patent & Trademark Office at November 29 1991, Disclosure document 297111 - - -

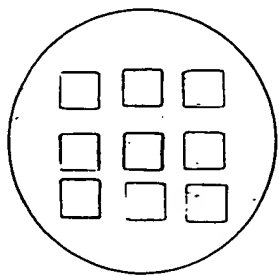
Opposed by examiner to Grid of D. Sokolov

Opposed by examiner to Grid of D. Sokolov

Plane view

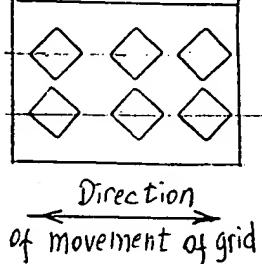


Plane view



Parallel each other cells, no any movements of collimator

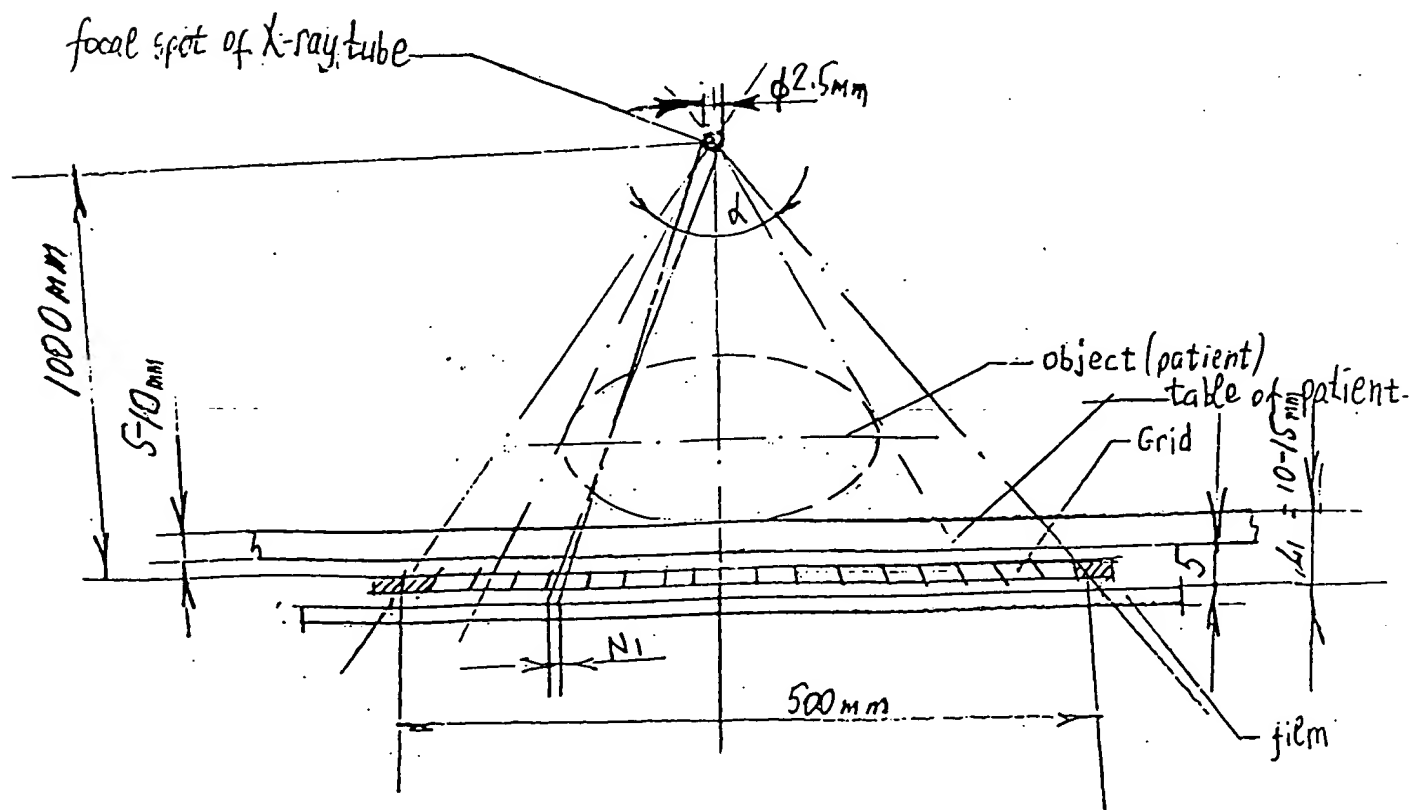
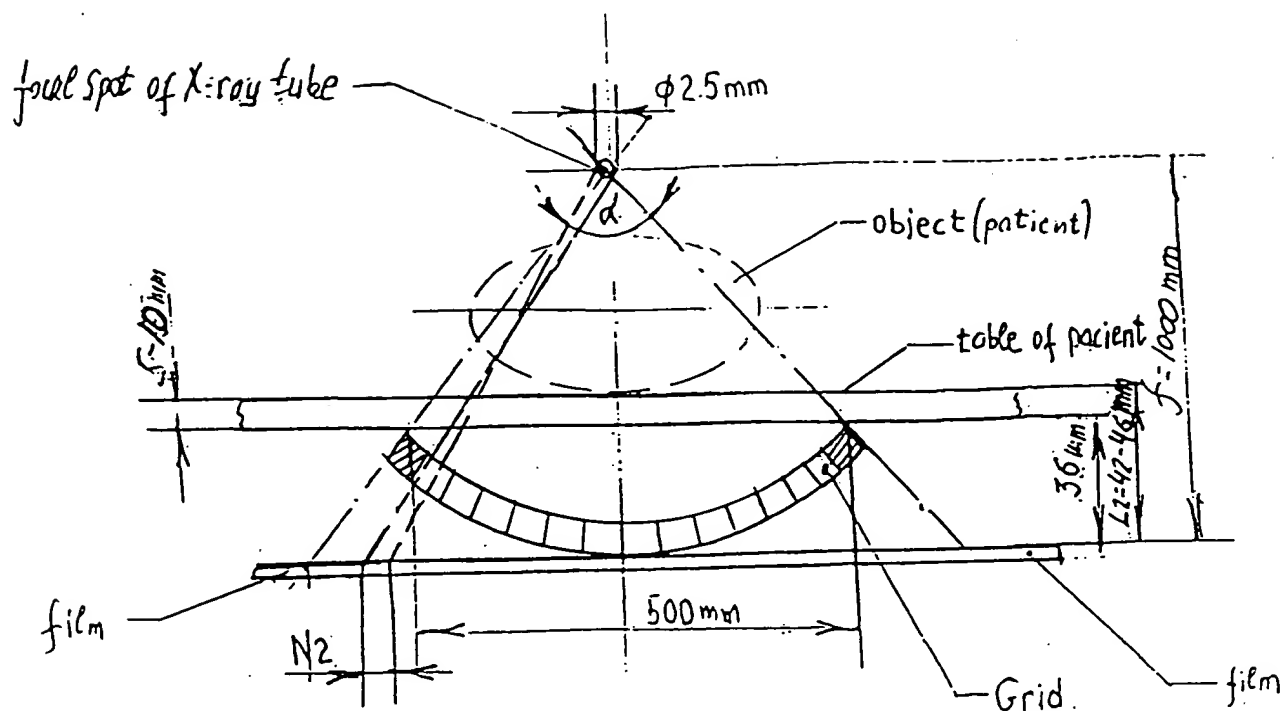
Plane view



Diagonal orientation to sides which parallel to direction of movement of Grid

Nondiagonal orientation of cells, under angle α (Mattsson angle) relation to side which parallel of direction of movement of grid

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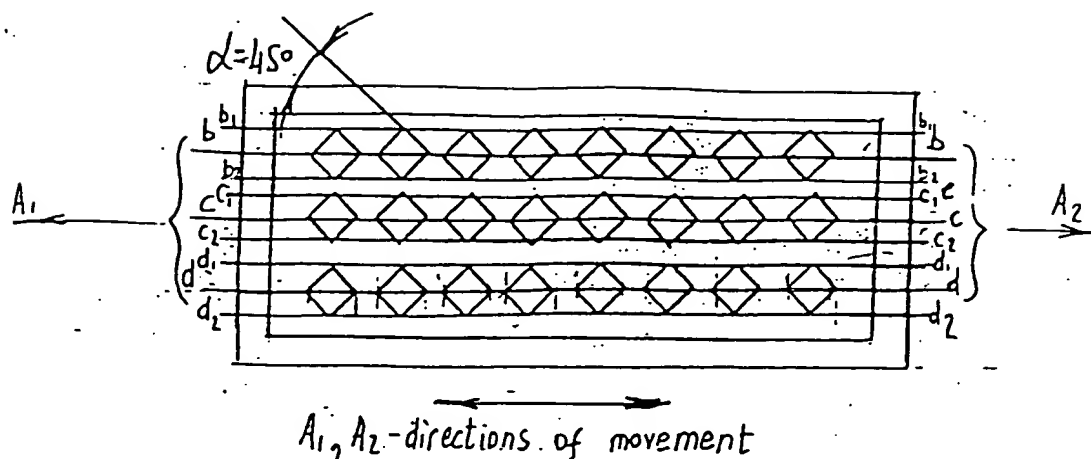
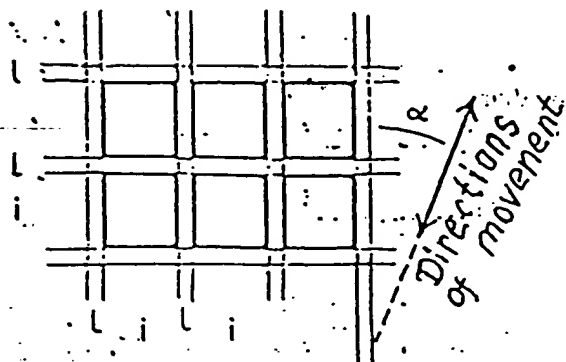
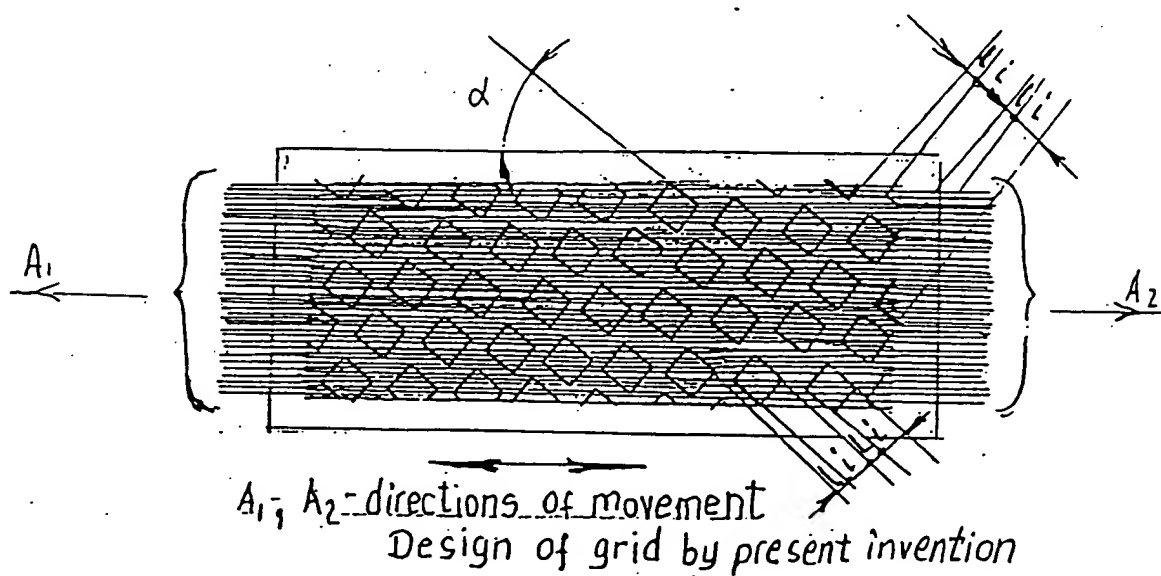


Fig. C

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$\operatorname{tg} \alpha_1 = \frac{1}{3i + 3i}$	$\operatorname{tg} \alpha_1 = \frac{1+i}{3i+2i} (= \cot \alpha_1)$
$\operatorname{tg} \alpha_2 = \frac{1}{2i + 2i}$	$\operatorname{tg} \alpha_2 = \frac{1+i}{2i+i} (= \cot \alpha_2)$
$\operatorname{tg} \alpha_3 = \frac{1}{1+i}$	$\operatorname{tg} \alpha_3 = \frac{1+i}{1} (= \cot \alpha_3)$
$\operatorname{tg} \alpha_4 = \frac{2i+i}{1+i}$	$\operatorname{tg} \alpha_4 = \frac{2i+2i}{1} (= \cot \alpha_4)$
$\operatorname{tg} \alpha_5 = \frac{3i+2i}{1+i}$	$\operatorname{tg} \alpha_5 = \frac{3i+3i}{1} (= \cot \alpha_5)$
$\operatorname{tg} \alpha_6 = \frac{2i+i}{2i+2i}$	$\operatorname{tg} \alpha_6 = \frac{2i+2i}{2i+i} (= \cot \alpha_6)$

Mottson's formulas

Fig. D

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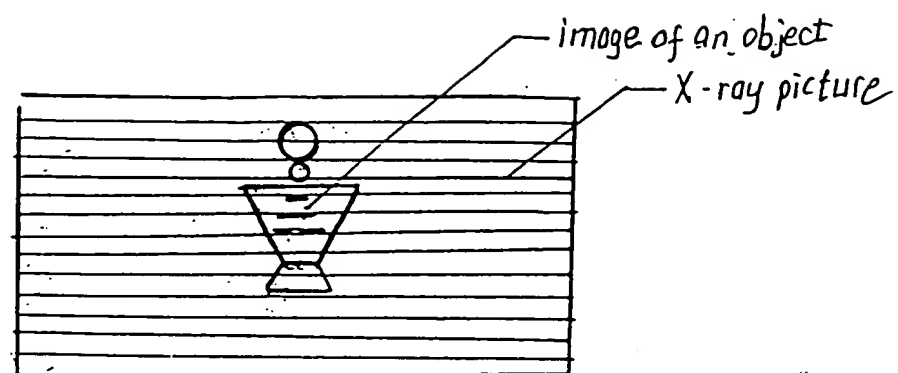


Fig. E

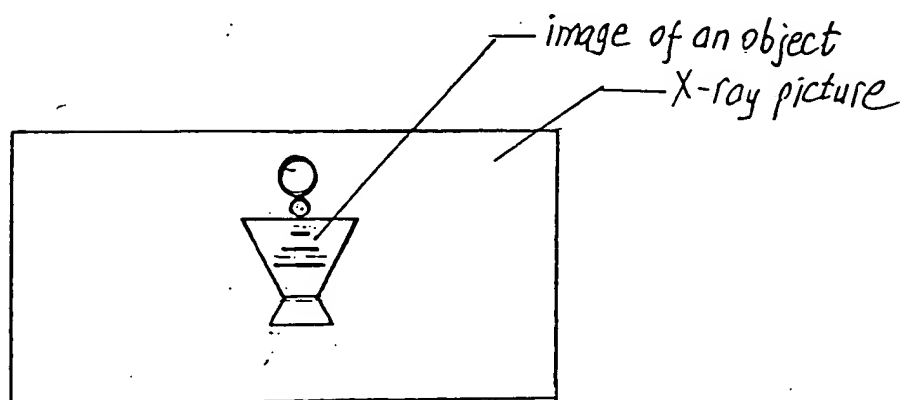


Fig. F